CorrTestProcedure4x14x05.doc

Procedure for testing a corrector p.s.

1) The top cover of the corrector will most likely be off for your testing.
2) Apply the barriers on the exposed 208Vac on the top inside of the p.s. as shown on our web page: http://www.c-ad.bnl.gov/ceps/files/pdf/PowerSupplyQPASafetyCovers.pdf
3) Make sure the ac cover is on the ac terminal strip.
4) Connect the p.s. to the load and the remote test box.
5) To turn off the disconnect:
    a. Put on safety glasses, a natural fiber shirt and pants
    b. Turn off the disconnect switch and lock it out.
    c. Use Voltage rated gloves and the leather gloves and a voltage rated meter to verify there is no 208Vac.
6) To turn on the disconnect switch:
    a. Put on safety glasses, a natural fiber shirt and pants
    b. Connect the 208Vac plug or the 480Vac plug.
    c. Turn on the disconnect switch
    d. Run up the p.s. and do your troubleshooting.
7) Verifying the 208Vac is really off drops from a class 1 to a class 0 because PK determined the maximum short circuit capacity of the transformer feeding us the 208Vac in 7W is less than 10kA.
8) Contact Don Bruno if there are any questions about what you're doing.